AMENDMENTS TO THE SPECIFICATION

Please amend the Specification as follows:

Please replace the fourth full paragraph at page 6 with the following:

The invention is further resides in a process for reading radiation image information comprising the steps of:

moving in one direction the radiation image storage panel of claim 3 on which radiation image information is recorded and stored, in relation to a line sensor which comprises plural photoelectric converting elements arranged linearly and which is placed over the convex surfaces of the aligned prismatic phosphors of the storage panel on a line extending from the end of the convex surface of the aligned prismatic crystal in the same direction, under such condition that the line sensor moves on a plane parallel to the storage panel, while the phosphor layer of the storage panel is scanned with stimulating rays in a direction which is different from the direction of the movement of the storage panel and the stimulating lays rays are applied onto the phosphor layer approximately parallel to the aligning direction of the prismatic phosphor crystals in the phosphor layer;

detecting an emission emitting from the phosphor layer of the storage panel by the line sensor, so as to photoelectrically convert the emission to an electric signal;

detecting an electric signal of the movement of the storage panel in relation to the line sensor;

and

comparing the signal of the emission and the signal of the movement of the storage panel to produce a radiation image information in the form of electric signals.

Please replace the first full paragraph at page 7 with the following:

The invention furthermore resides in a process for reading radiation image information, comprising the steps of:

moving in one direction the radiation image storage panel of claim 4 on which radiation image information is recorded and stored, in relation to a line sensor which comprises plural photoelectric converting elements arranged linearly and which is placed below the support of the storage panel on a line extending from the end of the convex surface of the aligned prismatic crystal in the same direction, under such condition that the line sensor moves on a plane parallel to the storage panel, while the phosphor layer of the storage panel is scanned with stimulating rays in a direction which is different from the direction of the movement of the storage panel and the stimulating laye rays are applied onto the phosphor layer approximately parallel to the aligning direction of the prismatic phosphor crystals in the phosphor layer;

detecting an emission emitting from the phosphor layer of the storage panel by the line sensor, so as to photoelectrically convert the emission to an electric signal;

detecting an electric signal of the movement of the storage panel in relation to the line sensor;

and

comparing the signal of the emission and the signal of the movement of the storage panel to produce a radiation image information in the form of electric signals.